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CLAIMS

1. A process of removing colour stains from a plastics material, characterised in that the stained plastics material is treated in a dishwashing machine with a  
10 formulation comprising a salt of sulphophenyl alkyl carbonate.
- 2 A process according to claim 1 wherein the salt of sulphophenyl alkyl carbonate is sodium p-sulphophenyl octyl carbonate.
- 15 3 A process according to claim 1 or 2 wherein the sodium p-sulphophenyl octyl carbonate is present in the dishwasher washing or rinsing liquor at between 0.01g and 0.6g/litre, more preferably between 0.01g and 0.4g/litre and most preferably between 0.02g and 0.35g/litre.
- 20 4 A process according to any one of claims 1 to 3 wherein the formulation comprises an oxygen source.
5. A process according to claim 4, wherein the oxygen source is present in the formulation in a molar ratio of salt of p-sulphophenyl alkyl carbonate to oxygen  
25 source of from 1:3 to 1:40, more preferably from 1:3 to 1:20 and most preferably from 1:3 to 1:12.
6. A process according to claims 4 or 5, wherein the oxygen source is perborate, percarbonate, hydrogen peroxide or a mixture thereof.
- 30 7. A process according to any one of claims 1 to 6, wherein the formulation comprises an enzyme.
8. A process according to claims 7, wherein the enzyme component comprises  
35 an amylase and a protease.

- 5 9. A process according to claim 7 or 8, wherein the enzyme is initially separated from a component of the formulation.
10. A formulation according to claim 9, wherein the enzyme is encapsulated.
- 10 11. A process according to any one of claims 1 to 10, wherein the formulation comprised a builder.
12. A process according to any one of claims 1 to 11, wherein the formulation comprises a surfactant.
- 15 13. A process according to claim 12, wherein the surfactant is a nonionic low sudsing surfactant.
14. A process according to any one of claims 1 to 13, wherein the formulation is  
20 used as a complete detergent or as a bleach booster.
15. A process according to claim 14, wherein when in the form of a complete dishwashing detergent the formulation comprises from 1 to 15wt% of the salt of sulphophenyl alkyl carbonate, more preferably from 1 to 10wt% and most preferably  
25 from 1 to 7wt%.
16. A process according to claim 14, wherein when in the form of a bleaching additive the formulation comprises up to 100wt% of the salt of sulphophenyl alkyl carbonate, more preferably from 1 to 90wt% and most preferably from 1 to 50wt%.
- 30 17. A process according to any one of claims 1 to 16, wherein the formulation is in the form of a powder, a tablet or a liquid.
18. An automatic dishwasher detergent formulation, containing  
35 I) 0 - 30wt%, preferably 0 - 10wt%, of a surfactant,  
II) 0 - 90wt%, preferably 0 - 75wt%, of a builder / co-builder,

- 5    III)    1 - 75wt%, preferably 1 - 45wt%, of a peroxide or a peroxide-forming substance, and
- IV)    1 - 15wt%, sodium p-sulphophenyl octyl carbonate.